Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 21 Jan 2022 until 23:59 on Saturday 22 Jan 2022

Forecast Issued on Thursday 20 Jan 2022 at 14:58

Confidence: High for a lot of dry but rather cloudy conditions. Lower confidence for exact cloud amounts and heights.

Headline for Friday 21 Jan 2022: Mainly dry and cloudy. Breezy and cold on the tops.

Mountain weather hazards on Friday 21 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 21 Jan 2022

Weather: Clear spells and widespread frost in early hours then cloud increasing by dawn. A largely cloudy day with a few bright or sunny intervals, hills across the east of the National Park most favoured for these. Mostly cloudy evening but patchy frost developing under any clear spells.

Chance of cloud free mountain/hill tops above 600m: 90% in early hours becoming 60% during morning as cloud affects higher summits. Eastern hills most favoured to stay clear.

Visibility: Generally very good away from any low cloud. This low cloud will affect summits giving some patchy fog, mainly in the west and on high summits above 600m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 21 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 W	10/16 SW	12/18 W	13/20 W	14/21 W	16/23 W	17/25 W	15/23 W	15/24 W
300	4/6 NW	5/6 S	6/8 SW	6/9 SW	9/13 W	11/17 W	11/19 W	10/17 W	10/18 W
Valley	1/6 NW	2/6 SE	1/7 S	2/8 SW	4/11 W	6/16 W	8/19 W	7/16 W	7/17 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-6	-1/-6	-0/-6	1/-4	2/-4	1/-5	1/-5	1/-5
300	-0/-2	-0/-3	0/-3	1/-2	3/-1	4/0	4/-0	3/-0	3/-1
Valley	-2/-4	-2/-3	-1/-3	0/-2	3/1	4/2	4/1	3/0	3/0
Freezing Level*	00m	00m	100m	400m	800m	800m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the tops, especially on higher summits up in the cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 20 Jan 2022	0mm	3.2mm	3.2mm

Forecast for Saturday 22 Jan 2022

Weather: Largely cloudy but the odd brighter spell is possible, mainly in the east. A little light rain or drizzle but this amounting to very little with mostly dry conditions through the day. Feeling cold on the tops.

Maximum wind: Westerly 15-20mph, gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 30%. Best chance in east.

Visibility: Periods of cloud and fog above 500 or 600m, mainly across western hills with higher bases in the east. Away from cloud, mainly good but reducing to a few km at times in any rain or drizzle.

Temperature: **Valleys:** Plus 3 rising to 7 or 8 Celsius.
At 600m: Plus 1 rising to 3 Celsius.
Freezing level: Above summits.

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